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DATE: Monday, July 24, 2006

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<input type="checkbox"/>	L3	L2 with apha	5
<input type="checkbox"/>	L2	L1 with usha	8
<input type="checkbox"/>	L1	(escherichia or coli)with (nucleotid\$2 or nucleosid\$2)	7917

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040152171 A1

L3: Entry 1 of 5

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152171

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152171 A1

TITLE: Method for producing nucleotide by fermentation

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takehi, Masahiro	Kawasaki-shi		JP
Usuda, Yoshihiro	Kawasaki-shi		JP
Tabira, Yukiko	Kawasaki-shi		JP
Sugimoto, Shinichi	Kawasaki-shi		JP

US-CL-CURRENT: [435/89](#); [435/252.33](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20020098494 A1

L3: Entry 2 of 5

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098494

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098494 A1

TITLE: Method for producing nucleotide by fermentation

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takehi, Masahiro	Kawasaki-shi		JP
Usuda, Yoshihiro	Kawasaki-shi		JP
Tabira, Yukiko	Kawasaki-shi		JP
Sugimoto, Shinichi	Kawasaki-shi		JP

US-CL-CURRENT: [435/6](#); [435/252.33](#), [435/89](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: JP 2002355087 A

L3: Entry 3 of 5

File: JPAB

Dec 10, 2002

PUB-NO: JP02002355087A

DOCUMENT-IDENTIFIER: JP 2002355087 A

TITLE: METHOD FOR PRODUCING NUCLEOTIDE BY FERMENTATION METHOD

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: EP 1170370 A2

L3: Entry 4 of 5

File: EPAB

Jan 9, 2002

PUB-NO: EP001170370A2

DOCUMENT-IDENTIFIER: EP 1170370 A2

TITLE: Method for producing nucleotide by fermentation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 5. Document ID: US 20040152171 A1, EP 1170370 A2, BR 200102671 A, CN 1335403 A, KR 2002004870 A, US 20020098494 A1, JP 2002355087 A

L3: Entry 5 of 5

File: DWPI

Aug 5, 2004

DERWENT-ACC-NO: 2002-173089

DERWENT-WEEK: 200452

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TITLE: Producing nucleoside 5'-phosphate ester e.g. inosine monophosphate by direct fermentation using bacterium belonging to genus Escherichia in which UDP-sugar hydrolase and acid phosphatase genes do not function normally

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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L2 with apha

5

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USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
display fields
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NEWS 14 JUL 14 FSTA enhanced with Japanese patents
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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
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AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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=> s (escherichia or coli) (5a)(nucleotid? or nucleosid?)
L1 18301 (ESCHERICHIA OR COLI) (5A) (NUCLEOTID? OR NUCLEOSID?)

=> s l1 (5a)usha
L2 4 L1 (5A) USHA

=> s l2 and apha
L3 2 L2 AND APHA

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 2 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 1,2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:31102 HCAPLUS <<LOGINID::20060724>>
DN 136:97246
TI Method for producing nucleoside 5'-phosphate ester by fermentation in
strain with ushA and ***aphA*** gene mutation or disruption
IN Kakehi, Masahiro; Usuda, Yoshihiro; Tabira, Yukiko; Sugimoto, Shinichi
PA Ajinomoto Co., Inc., Japan
SO Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1170370	A2	20020109	EP 2001-114571	20010618
	EP 1170370	A3	20030305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002355087	A2	20021210	JP 2001-181573	20010615
	US 2002098494	A1	20020725	US 2001-891287	20010627
	BR 2001002671	A	20020305	BR 2001-2671	20010704
	CN 1335403	A	20020213	CN 2001-121740	20010705
	US 2004152171	A1	20040805	US 2004-798339	20040312
PRAI	JP 2000-204260	A	20000705		
	US 2001-891287	B3	20010627		

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2000:387548 BIOSIS <<LOGINID::20060724>>
DN PREV200000387548
TI Essential role of the ***AphA*** periplasmic acid phosphatase in

utilization of 5'- ***nucleotides*** by ***Escherichia***
 coli pureEK ***ushA*** phoA mutants.
 AU Laird, M. W. [Reprint author]; Passariello, C.; Joly, J. C. [Reprint
 author]; Schippa, S.; Rossolini, G. M.; Thaller, M. C.
 CS Department of Cell Culture and Fermentation, R and D Genentech, Inc., San
 Francisco, CA, USA
 SO Abstracts of the General Meeting of the American Society for Microbiology,
 (2000) Vol. 100, pp. 435-436. print.
 Meeting Info.: 100th General Meeting of the American Society for
 Microbiology. Los Angeles, California, USA. May 21-25, 2000. American
 Society for Microbiology.
 ISSN: 1060-2011.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 13 Sep 2000
 Last Updated on STN: 8 Jan 2002

=> s l2 not l3

L5 2 L2 NOT L3

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 2 DUP REM L5 (0 DUPLICATES REMOVED)

=> d 1,2

L6 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:419351 HCAPLUS <<LOGINID::20060724>>
 DN 139:334665
 TI Cobalt activation of Escherichia coli 5'-nucleotidase is due to zinc ion
 displacement at only one of two metal-ion-binding sites
 AU McMillen, Lyle; Beacham, Ifor R.; Burns, Dennis M.
 CS Faculty of Science, School of Biomolecular and Biomedical Science,
 Griffith University, Queensland, 4111, Australia
 SO Biochemical Journal (2003), 372(2), 625-630
 CODEN: BIJOAK; ISSN: 0264-6021
 PB Portland Press Ltd.
 DT Journal
 LA English
 RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
 AN 1986:473474 HCAPLUS <<LOGINID::20060724>>
 DN 105:73474
 TI Nucleotide sequence and transcriptional analysis of the E. coli ushA gene,
 encoding periplasmic UDP-sugar hydrolase (5'-nucleotidase): regulation of
 the ushA gene, and the signal sequence of its encoded protein product
 AU Burns, Dennis M.; Beacham, Ifor R.
 CS Sch. Sci., Griffith Univ., Brisbane, 4111, Australia
 SO Nucleic Acids Research (1986), 14(10), 4325-42
 CODEN: NARHAD; ISSN: 0305-1048
 DT Journal
 LA English

=> dis his

(FILE 'HOME' ENTERED AT 19:17:02 ON 24 JUL 2006)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
 NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 19:17:08 ON 24 JUL 2006

L1 18301 S (ESCHERICHIA OR COLI) (5A) (NUCLEOTID? OR NUCLEOSID?)
 L2 4 S L1 (5A)USHA
 L3 2 S L2 AND APHA
 L4 2 DUP REM L3 (0 DUPLICATES REMOVED)
 L5 2 S L2 NOT L3
 L6 2 DUP REM L5 (0 DUPLICATES REMOVED)

=> log h

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ENTRY	SESSION
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